mosaic

August 1979

the george brown college of applied arts and technology

Staff affirmative action starts at grass roots level, president says

President Doug Light says George Brown lacks the grass roots organization necessary to promote an improved atmosphere of equal opportunity within the College.

"The key to success is not just one individual with the title of doing something in the area of affirmative action, but many people that are interested in participating and being realistic about their goals," he says.

However, there has been "an awakening of people. That's the first significant step. Next year, from what I sense in the College, I expect to see interested people getting together, developing ideas, initiating a few sample projects to create more interest," he says.

The long-range implication will be that a woman will have an equal chance if she wishes to progress through the ranks. "The opportunity will be there, which I suggest to you is not here today," he says.

It's an uphill struggle that Mr. Light says won't see any "significant changes for at least two decades. We're ingrained with our own particular philosophy which perhaps we've inherited or developed due to our environment," he says. This applies to a large segment of the population which means that each and every individual within that segment must be reached.

"I sometimes worry about society in the sense that affirmative action is diminishing in importance. But I recently noted the Ministry of Education has reaffirmed its commitment to affirmative action."

As former President of Centennial College, Mr. Light says the atmosphere there was more conducive to equal opportunity. "I suppose I was the facilitator in many ways, the bureaucrat who tried to clear the red tape."

This change in the atmosphere at Centennial then translated into actual pragmatic fact. "A good example would be that my replacement was selected by a selection committee of ten people. Five were women. The success they've had is due to a significant number of interested people — not just women but men as well...who have been willing to put a lot of time into it."

At George Brown, Mr. Light says the net result of affirmative action in the future will be more women in non-traditional areas. "I have yet to find any area within the College that a woman can't perform equally as well as a man," he adds.

Jennifer Faria is one of five women enrolled in the College's 40-week Welder Fitter program, a non-traditional area that's attracting more females. See story p.2.

Higher pay draws women to non-traditional fields

More than 40 per cent of women between 15 and 65 years of age are in the labor force, and 60 per cent of those women are married. These are the points that Mary Bruno, High School Liason Officer for George Brown, emphasized during more than 100 lectures at high schools across Ontario this year.

"Some women think they'll play the mother role. That may happen to a few, but through separation, divorce, widowhood, or because of low income, a majority of them will be forced to work," she says.

Moreover, she says there'll be an increasing trend towards women in non-traditional roles in the marketplace. The driving force behind this change isn't just a breakdown in social attitudes toward women in non-traditional roles, but economics. "Look at the facts — the pay scales. There's more money to be made in non-traditional occupations."

A "Women in Technology Day" attracted more than 50 female high school students to the College in mid-April. A panel of female students in non-traditional College programs discussed the attitudes of peers, guidance counsellors, boyfriends, husbands and instructors toward women in male-oriented careers. "That doesn't mean all the high school students who attended will enter non-traditional programs, but at least they're more aware of the possibilities," says Mary.

College statistics show there is still low female enrollment in traditionally male programs. The most popular non-traditional programs for women (with more than six females in each program for three consecutive years) include: Architectural Drafting Technician, Piano Technician, Furniture Upholstery and Repair, Offset Printing and Screen Process Printing.

Low wages and sex stereotyping in traditionally female programs have created the reverse problem with men entering female-oriented programs. Bill Vine, a co-ordinator in the Community Services Division, says there's a high demand for males in community service work, especially for graduates of the Child Care Worker and Early Childhood Education programs. The majority of workers in these fields are women, but children also need men as role models, he says. In spite of this, the two programs were only able to attract 16 men out of 163 students in both programs last year. The same applies to the Nursing and Dental Assistant programs which only had 20 men out of more than 480 students.

Equal opportunity committee planned

Plans are being considered for the formation of an equal opportunity committee to study the status of women employees at George Brown, says Muriel Davidson, the College Women's Advisor. "The committee will also identify and help potential candidates obtain the required qualifications for promotion," she says.

However, it will be a while before women become more dominant in traditionally male positions of authority. "Generally, women are not yet prepared. They don't see themselves as qualified to apply for such positions," she says.

One out of seven traditionally male directorships at the College is run by a woman. "As far as I know, Barbara Ferrett is the only female director of Student Services at the community colleges," she says. The Dean of Nursing is a woman, but the other ten divisions are run by men. Of the 32 chairmen, six are women: one in Business and Commerce, one in the School of Dance, and four in the Nursing Division.

In the future, more orientation programs for support staff, organized by staff development personnel, will be held to help employees learn about job possibilities at the College.

Staff development seminars initiated recently included a program on money management organized by Special Projects Officer Pat Stanojevic. Chartered Accountant John Withrow spoke to support staff on money matters, including how to avoid paying excess income tax. Another seminar dealt with why jobs are classified the way they are. All the programs attracted both male and female staff.

"These programs have

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Industry advised this student to learn a trade

"I was an honor student when I graduated from high school. But trying to get a decent job was nearly impossible, because I was competing against graduates of community colleges. Even industry people advised me to learn some kind of trade," says Albert Krivickas.

Mr. Krivickas graduated from the two-year Tool and Die Technician program this year. And before he finished the program in April, he had received three good job offers.

As a junior tool designer with Canadian Stackpole Limited, Albert is learning the various ways items, such as gears, fixtures and dies, are manufactured for major companies like Ford and General Motors.

"Right now, I'm not using everything I learned at school, but later I'll need it when I get into design work," he says. The program at George Brown is divided into four semesters which cover theoretical and practical aspects of tool and die design. Students work at design tables in a design office and in shop areas similar to those of industry.

"The program was the closest thing to actually working. We learned self-discipline and the instructors made you feel like you were working in the field," he says.

Graduates can obtain employment in manufacturing industries, technical sales and manufacturing engineering firms.

Albert became interested in tool and die design through various part-time jobs in industry, including freelance drafting work for an inventor involved in die casting. "He was the one who directed me to college, if I wanted to learn more," he says.

Albert says he plans to stay with Canadian Stackpole Limited because the firm is expanding rapidly. "Right now, the offices are being expanded from about the size of one floor of the main building at Casa Loma to larger than the entire building. I can pick and choose jobs if I want, but there's a lot of potential to move up if I stay here," he says.

Albert earns more than $12,000 yearly, and he's still on a three-month probation period.

Increase in women welders, chairman says

Linda Boryk, Sharon Dougherty, Jennifer Faria, Sara Greening and Annie Oue have something in common. They all want to be welders, and are enrolled in the College's 40-week Welder Fitter program. The program prepares students for jobs at an operator's level.

Welding Chairman George Betts is pleased with the work of the women he's had in the program. "We've had a number of good female welders in the past. The girls can do an excellent job and they're quite competent," he says.

The number of females taking the program has risen slightly over the years. Betts attributes increased female enrollment partly, to a breakdown in the traditional attitudes about females working in traditionally male occupations. But the men still dominate the program. Out of 120 students, only five are women.

The one-year Welding Specialist program, which trains students to enter the job market at a technician's level, has no female students. Mr. Betts expects this will change. In fact, both programs will attract more females in the future, because of simple economics, he says.

"There's more money to be made in the male occupations than the traditionally female ones."

Business graduate says hunch paid off

Most people think Physical Distribution (PD) only involves trucking, says Wayne Davis, who graduated from the College's program this April. "But any firm that's expanding, producing something, or has a warehouse, needs PD people."

The two-year program has been offered as a speciality option of the Business Administration program at the College for the past five years. Courses include warehouse management, accounting, data processing, scheduling of workloads, and inventory control among other subjects.

Even before Wayne graduated this year, he had three job offers. "In fact, everyone I know at the College has a related job except for one — but he's not looking." Moveover, Wayne says nearly every course he took at the College relates directly to his present job.

He was hired by Armstrong Moving and Storage as a management trainee. In three months he'll be in charge of more than 20 employees. Wayne has a personal secretary and typist and will make most of the decisions for the Toronto branch. He's 20 years old.

"I thought about job prospects and it seemed Physical Distribution was a good area to get into. My hunch paid off," he says. Wayne had more than 20 part-time jobs, most of them in sales, before coming to George Brown. He says he knows people who belittle the College by saying it's a 'working man's college'. "But in three months from now, I'll be making $14,000 a year. Look what the College gave me, and most of the people that go there."

THE INSTRUMENTATION CLASS OF '69 wara reunitad at St. James Campus on June 14, with their former instructors Gerry Faul and Alec O'Reilly. A 1969 yearbook was passed around to the amusement of those who saw the ten year difference. A tour of the facilities followad, and supper at tha Hayloft andad the evening. The group hopes their efforts will spark similar gatherings in other departments, which might eventually devalop into an alumni association. Thay plan to meet again next year at Kensington Campus, whara the class of '69 began.

Machine shop graduate gets 'lucky break'

Andrea Tomson thinks she's lucky to have a job as a machinist. "It's hard for girls in this field," she says. "People are constantly making excuses as to why they won't hire you — there's no bathroom for women, the men here don't like working with women and things like that."

But Andrea got a break when she was hired by Lightolier Canada Limited just a day after graduating from the 40-week Manpower Machine Shop Practice program at George Brown. Her job includes working with lathes, drill presses and other machines involved in making light fixtures.

The 40-week program at George Brown prepares students for entry into industry as machinists or apprentices, depending on the person's previous experience. Andrea has worked with machines in the past and was hired as a machinist. From a job with Electrohome to another with Michelle Plastics she has done everything from the initial production process for light fixtures to final packaging.

Originally, she wanted to take a machine shop program at Conestoga College in Kitchener, but her employer wouldn't allow her the time off. She then came to Toronto where she worked at a variety of jobs. Finally she was laid off and enrolled at George Brown.

"There are a lot of jobs but, depending on who's doing the hiring, it can be especially difficult for women," she says. "I guess I was lucky."

Andrea credits her success to the George Brown program. "I loved it. The program was taught very well, and most of the training applies directly to my job."

Equal opportunity

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resulted in a slight increase by some women in non-traditional thoughts of promotion," Miss Davidson says in the Affirmative Action Section of this year's Multi-year Plan report.

Specific programs for the future have yet to be developed, "but there will be an ongoing plan for centralized staff development seminars based on the expressed needs brought out in local staff development committees," says Pat Stanojevic. So far, 28 committees exist that are all part of an Integrated Staff Development Program.

Only one female graduate

Fran Gorjub is the only female in a class of 21 Physical Distribution students graduating this year. Physical Distribution — which involves using the most efficient and economical method of transportation to get products to the wholesaler, retailer or consumer; plus inventory control and warehouse management — is an expanding field, says instructor Adi Mistry.

The program had a placement rate of 90 per cent within the first month of graduation last year. "I guess it's the right time and the right type of specialization to get into," says Mr. Mistry. Miss Gorjub says one of the reasons she majored in Physical Distribution was because "the market is flooded with business graduates in other areas."

Although Miss Gorjub doesn't have a job yet, she's confident she'll find one after a few weeks vacation. "The program was extremely practical. We went out to industry and got first hand experience," she says.

The two-year program was introduced at the College five years ago, and this year a new elective was added. The course, Travel Planning, is designed to give students as much contact with industry as possible. Guest lecturers are brought in from industry and students are sent to different travel agencies to learn, first-hand, various methods of preparing travel arrangements. Mr. Mistry is now working on an outline for a proposed follow-up course, which would put even more emphasis on visiting industry.

people

New staff and changes

Maintenance: Cleo Brosseau, Charles Scott, St. James; Marion Soltysik, Kensington. **Food Technology:** Nancy Fulton, clerk, Kensington. **Fashion Technology:** Diane Ash, secretary, College Street. **Community Services:** Joseph Millage, technician, Kensington. **English and Liberal Studies:** Jim Ross, formerly Academic Upgrading, is now Chairman of Academic, St. James; Maureen Hurst, Shanette Seipt, secretaries, College Street; Joycelyn Trott, secretary, St. James. **Research and Planning:** Jo-Anne Lauzon, typist, MacPherson. **Stores:** Douglas Pritchard, supply clerk, College Street. **Information Systems:** Errol Smith, Victor Ardziunas, computer operators, Casa Loma; Angela Zaglul, programmer, 146 Kendal; Catherine Chan, programmer, Casa Loma. **Industrial Training:** Robert Walkow, instructor (driver training), College Street; Peggy Necht, clerk, College Street. **Bookstore:** Patrick Meany is new manager, Casa Loma. **Architectural Technology:** Paul Neumann, instructor (Air Conditioning and Refrigeration), Casa Loma.

Happenings

Congratulations to newlyweds: Patrice Smith, accounts, MacPherson, now Mrs. Fuller; Linda Williamson, Community Services, Kensington, now Mrs. Silver; Helen Romain, Health Services, MacPherson, now Mrs. Tappin; and Fashion Technology Chairman Peter Felder who married Huguette Blais, June 16.

Departures

Helen Moon, Nursing instructor, St. James, has left the college after five years to move to North Carolina with her husband. Ian Henderson, English instructor, Hearing Impaired, Casa Loma, has left the College for a teaching position with the Toronto Board of Education. Jane Donahue, Health Councillor, Kensington, has left the College to attend Osgoode Hall Law School. Mary McIntyre, Nursing instructor, Nightingale, has left the College after four years to spend more time with her new son, although she will continue on a part-time basis.

Retirements

Retirement parties were held recently for the following staff: Oswald Bateson, woodworking instructor, Kensington, leaves the College after more than a decade; Brendon Foley, ESL instructor, College Street, after more than a decade; Wilfred (Robbie) Robinson, inventory control officer, MacPherson, has been with the College and its predecessors since 1963; and Al Rutherford, Chairman in the Math and Science Division, Casa Loma, who started out at Jones Avenue.

Nursing student risks own safety to rescue patient

Lynn Burke

Nursing student Lynn Burke received a commendation from St. Michael's Hospital recently for her "brave" actions in rescuing a hospital patient from his bed during a recent fire. Lynn was on duty as a practice nurse at the time, and has since graduated. Below is a copy of the letter of commendation from St. Michael's Hospital.

Miss Lynn Burke
79 Jackson Avenue
Toronto, Ontario

June 29, 1979

Dear Miss Burke:

I would like to commend you for the prompt action you took when you responded so quickly to the cry for help, on the night of June 19, 1979, when you were on 4B on night duty.

I am sure your immediate response to the call reduced the harm to the patients.

Without thought of any danger to yourself, you entered the room, lifted Mr. Thompson out of his bed away from the fire, at the same time directing the other patient to get out of his bed and out of the room. Following this, you stayed to help put out the fire, assisted with rounds, and carried on your normal duties.

I hope that you continue to have no ill effects from your involvement in this incident.

I am sure that the Nursing Division, George Brown College, is proud of your response to this emergency situation.

I would like to commend you again for the very brave manner in which you dealt with this incident.

May I add my congratulations to those of your family and friends, upon your forthcoming graduation.

Yours very sincerely,
(Mrs.) E. Mange
Director of Nursing EM:jl

CC. Sister Irene Assistant Administrator, Patient Care
Sister Marion Barron, Dean, Nursing Division, George Brown College.

Ryerson president addresses business teachers at GBC

Walter Pitman

Business instructors must cultivate a sensitivity to the need for improvements in the workplace that will result from a declining consumer society in the 1980s, says Ryerson President Walter Pitman.

Speaking to more than 100 instructors at a Metro Region Workshop for college business instructors at St. James Campus, May 29, Mr. Pitman said Canada will not undergo rapid economic development in the near future. And with less money to spend, people will look for more satisfaction in the workplace. Hopefully, instructors can adapt curriculum to help meet this need, he said.

The role of education must also become more in accordance with new trends in industry. "The biggest problem besides youth unemployment is youth underemployment," he said. According to a report released by the Economic Council of Canada, young people will not obtain the status, remuneration and responsibilities they expect after graduation. Mr. Pitman said this is due, in part, to an over-abundance of trained professionals — especially in the medical and teaching professions.

On the other hand, in technical and trades training, "we've ridden on the coat-tails of western Europe (importing technologists and technology) for too long. I don't hold the illusion that we can always train people to suit economic need, but we can be more sensitive than we have in the past," he said.

The opening speech was followed by a series of workshops dealing with industries' needs in relation to college curriculum in such areas as accounting, marketing, data processing and management studies. The sessions were led by various people from industry.

Students get skills for summer jobs in pilot project

More than 100 high school students had an easier time getting summer jobs this year thanks to George Brown's Summer Employment '79 program, a pilot project organized by the Food Technology Division in co-operation with Resorts Ontario.

The program, held in March, April and May at Kensington Campus, offered students, over age 16, crash courses in Waiter/Waitress Training, Cook's Assistant, Assistant Summer Camp Cook and Assistant Camp Baker.

The Waiter/Waitress course, taught by Siegfried Bulla, a maitre d' on weekends at The Old Mill, stressed the need for extra service to the customer such as passing the bread basket, refilling water glasses and changing ashtrays. Students also learned how to explain the menu to customers.

Three hours of class were devoted to grooming and personal hygiene; customer relations; uniform and shoes; how to place ordered items on a check; identification and proper handling of trays, plates, glassware and silverware; how to set up tables in accordance with a menu; how to set up a sidestand with extra china and silverware; and how to pick up food from the chef.

Another two hours were given to the storage of linen; placing of tablecloths and napkins; how to make appropriate cocktail, apertif and wine suggestions; and methods of payment a customer might use.

The Cook's Assistant course prepared students for short-order cooking, grill work and how to make sandwiches — skills needed for jobs at camps, resorts and restaurants.

The courses were four days long and cost $5.00 each.

The pilot was so successful that Course Director Stephanie Rainer says the program will be expanded next year.

Not only do the students benefit from the program, but the hospitality industry is upgraded by having better trained employees, she says.

The placement rate for the courses is 94%. Most of the remaining 6%, says Stephanie, are attending summer school or not looking for a job.

PD days important for quality eduation: president

President Doug Light, speaking to more than 100 people at an English and Liberal Studies Professional Development Day in May, stressed the need for continued "visible and viable staff development days to enhance the quality of education at a time when declining enrolment has affected most post-secondary institutions."

His remarks were followed by an "attitude skit," in which several people portrayed common attitudes among faculty and staff towards professional development. "A Professional Development Day is wonderful. It's like French wine, an unmarried man — it's intrinsic," said one player as the audience roared.

The group then divided into four workshops. A panel discussion exploring the role of English and Liberal Studies within the College; George Brown's involvement in attracting and training overseas students; universal achievement and marking standards within the College; and suggestions for developing lessons aimed at individualized learning styles were the topics discussed in the 1-1/2 hour workshops.

Graduations 1979

Education Minister Bette Stephenson addresses the graduating class at the June 15th graduation.

Retiring Nursing Dean Sister Marion Barron gets her graduation roses from the nursing class, July 6.

Chairman Robert Bradley brings greetings from the Board of Governors.

Filing into Convocation Hall.

Former President Cliff Lloyd presents son John with his diploma in Civil Engineering, June 16.

Congratulations!

Health Care Aides graduation at Kensington, June 12.

Health Care Aides, at Parkdale Nursing Home, graduate June 14.

Meet the governors

Third in a series of articles introducing George Brown's Board of Governors. The Board has 12 members including the President of the College. The Executive Committee of the Board is comprised of the chairmen of the Property, Education and Finance Committees, along with the Chairman and Vice-Chairman of the Board and the President.

Joe Piccininni

Alderman Joe Piccininni was appointed to the Board of Governors nearly three years ago by City Council. He represents the interests of the City.

Born in Toronto in 1922, Mr. Piccininni finished high school at Northern Vocational. After spending five years in the Armed Forces during World War Two, he went into the wholesale fruit business with his father.

In 1960, he was elected to City Council. His family got out of the wholesale fruit business about eight years ago, and now Mr. Piccininni is associated with his brother in operating Ceasar's Palace, a pizzeria/spaghetti house in the northwest area of Metro on Finch Avenue.

He is a member of many organizations including the Board of Directors of St. Michael's Hospital, the Executive Committee of the C.N.E., the C.N.E. Sports Committee, and the founding chairman of Bill Bolton Arena.

His prime interest in sports is soccer. He has been president of the National Soccer League for the past 12 years, and is now the vice-president of the Canadian Soccer Association. The walls of his office at City Hall are decorated with plaques showing his dedication to sports.

Mr. Piccininni has never before had the opportunity to serve on an education board, and says he's "rather proud" of his appointment to the College Board of Governors. He is also Chairman of the Board's Food Services Committee.

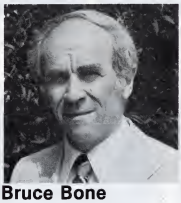
Joe Piccininni

Before becoming actively involved in municipal politics, Mr. Piccininni devoted much of his spare time to photography. "My friends used to call me Mr. Hollywood because wherever I went, I always had a camera with me." Years ago, he won a $50 prize at an amateur photography show for a picture taken at the Ice Capades. "Lucky shot," he says.

He has refused many appointments that would have taken him away from municipal politics and resisted overtures to run either federally or provincially. "Maybe I'm a darn fool, but I really enjoy what I'm doing," he says.

Mr. Piccininni has three sons: one in sports medicine at Indiana State University, one in dentistry at the University of Toronto, and the youngest, John, is taking a Bachelor of Arts degree at the University of Western Ontario. "I don't think John is really sure what he wants to do. I joke with him saying, 'it appears you're studying women.' But I understand that's a common preoccupation with many male students," he says.

Mr. Piccininni has been married for nearly 29 years. His wife is a teacher at Central Technical High School.



Bruce Bone

Bruce Bone, Chairman of the Finance Committee, was appointed to the Board of Governors by the Council of Regents less than two years ago. The Finance Committee examines the monthly statements and the annual budget of the College, along with reviewing applications for various capital projects. Members also serve as an Audit Committee to assist the College auditors.

Born in Toronto, Mr. Bone received a Bachelor of Arts degree from the University of Toronto and then completed his chartered accountancy with Clarkson and Gordon Company. He has been working for Noranda Mines for the past 20 years and is now assistant treasurer.

Over the years, Mr. Bone has been active in many civic organizations. He was a trustee of the North York Board of Eduation from 1965 to 1974 and Chairman of the Board from 1967 to 1969. He was also a member of the Metro Toronto School Board from 1967 to 1974 and Chairman from 1970 to 1974.

Mr. Bone is now serving on the Metro Toronto Board of Trade and is a member of the Education Committee of the Canadian Chamber of Commerce, the Canadian Pension Plan Advisory Committee and the National Finance Committee of the Canadian Cancer Society.

Mr. Bone says he's pleased with what he's seen of the College so far. "George Brown is providing and fulfilling a definite need in the community," he says. In fact, one of his main concerns is making sure that the College continues to fulfill that need by constant modification of the College's programs in accordance with what the community requires.

Winner of the Lake Simcoe District Albacore championships in 1968, Mr. Bone is an active sailor. In the winter he enjoys curling. He has also been competitive in this sport, winning the fourth event in the 1967 Canada Life Bonspiel.

Thematic approach used to teach ESL

Two George Brown College instructors presented a new approach to teaching English as a Second Language (ESL) at an international conference of ESL teachers in Quebec in May.

Ed Kuntz and Janet Dawson emphasized the need for a thematic approach to learning English. That means the five main skills involved in learning a language — speaking, listening, reading, writing, and grammar — should be linked by a common theme.

Janet says one area of interest to most students is the family. "It's a broad topic and there's lots of material available." In fact, source material for the limitless choice of topics can be taken from newspapers, magazines, television, radio, and books.

The thematic approach, she says, enables students to learn more effectively in all skill areas, because some of the vocabulary and the ideas are carried over from one skill to another through content. "And if you can stimulate a good in-class discussion, students will tend to forget they're learning a skill."

"In fact, discussions often continue outside the classroom," Ed adds. More important, the students feel more comfortable learning from material they have some grasp of. It also encourages them to discuss their problems and aspirations. "In this way, the teacher can concentrate on what's important to students, and give them directions that will help them after the course is finished," he explains.

The thematic approach, he says, helps to individualize the teaching process. Instead of teaching grammar from a textbook, students' writing samples demonstrating common problem areas can be used as teaching tools. And each student may be given a different exercise equal to their ability.

Drawbacks of the thematic teaching method include the time-consuming and neverending process (for the teachers) of gathering material and avoiding topics that are quickly outdated. "It's also nerve-wracking for the teachers, as they might never use the same material twice, and therefore have nothing concrete to fall back on," Janet says.

Despite drawbacks, Janet says: "This method of teaching has been the most exciting and interesting approach Ed and I have used."

Both Janet and Ed hope that other teachers at George Brown and elsewhere will use their approach.

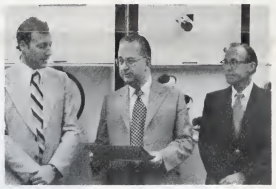
Repairs save energy

Renovations to conserve energy on the upper floor of 146 Kendal Ave., Casa Loma Campus, are being extended to the ground floor because of a 50 percent reduction in oil-heating costs, says Michael Rant, Director of Physical Resources.

But some of the savings will continue to be offset by increased electricity needed to run a new heat pump system, he says. Even so, an oil consumption saving of 9,311 gallons valued at more than $4,000 in 1977 helped to convince the Chief Architect at the Ministry of Education to approve funding for ground floor renovations. The system will more than pay for itself, Rant says.

Changes on the main floor, similar to those on the second floor, will consist of better insulation materials for walls, and extended use of the heat pump system. The heat pumps have reversible refrigeration units capable of withdrawing heat from a hot water system or discharging heat into the system. The design objective is to conserve all heat generated by activity in the building for heating in winter, and to minimize solar heat loads in summer. One important source of winter heating is the new computer which produces 78,000 BTU's of heat per hour and requires year-round cooling.

Happenings



TOP LEFT: The Society of Management Accountants renewed a two-year contract recently for George Brown to continue to provide services for the R.I.A. Learning Centre at St. James Campus. Shown signing the contract are GBC President Doug Light and Ernie Scott, Executive Director, S.M.A., Hamilton. Standing left to right: Business and Commerce Dean Jim Turner; Night School Supervisor Ed Feuerstein; Stewart Hall, Manager, Student Affairs, S.M.A., Toronto; Bole Bryers, Director, Research and Planning, S.M.A., Hamilton.

TOP RIGHT: The Electro/Mechanical Division was presented with a certificate of sustaining membership in the Illuminating Engineering Society by Toronto Section Vice-President Ted Hughes at a brief ceremony at Casa Loma Campus, May 24. LEFT TO RIGHT: Ted Hughes; Instructor Ron Kay; Dan Bergin, Membership Chairman of the Society.

BOTTOM RIGHT: Piano Technician graduate Richard Marcus received a $500 award from Mr. G. Haddon of the Baldwin Piano Company (Canada) Limited, for outstanding work in his program, at a ceremony in Jack Stirling's office, June 15.

First woman graduates from program

Debbie Lammin is glad that during the second year of the two-year Air Conditioning Technician program at George Brown a lot of time was devoted to piping.

Working as a junior estimator for Sayers and Associates in Burlington, Ontario, Debbie estimates the cost of heating and air conditioning equipment, mainly piping, in commercial buildings.

"I enjoyed the final year because you could actually see how course work related to the real thing," she says. The practical experience she received during second year included designing and drawing up specifications for the heating and air conditioning systems in the main building at Casa Loma Campus. Practical work assignments, combined with courses in drafting, refrigeration, air conditioning, heating, estimating and others, prepare graduates for employment in system designing, drafting, sales promotion, job estimating, contract supervising and system balancing.

Debbie has the distinction of being the first woman ever to take the Air Conditioning program. "At first, some students avoided asking me questions, even though I could have helped them out," she says. "And some of the instructors were a bit leery to see a girl in the field, but once they found out how much of a challenge I was, things worked out alright."

Several companies refused to give her an interview when she graduated, "probably because I'm a girl," she says. But Sayers and Associates are happy to have Debbie. "They're a progressive company," she admits.

Debbie helped her father, a sub-contractor, installing residential oil burners, before coming to George Brown. "In fact, my father graduated from the one-year Heating Technician program at the College. I wanted to go one step further," she says. Debbie eventually wants to become a senior estimator with Sayers. She now earns more than $13,000 a year.